

Recombinant Rhesus EGFR Protein, His-tagged

Cat. No. EGFR-1227R **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Recombinant Rhesus EGFR Protein (XP_001107305.1, 1-645aa), was expressed in Insect Cells with C-terminal His tag.
Species	Rhesus macaque
Source	Insect Cells
ProteinLength	1-645 aa
Predicted N Terminal	Leu 25
Form	Lyophilized from sterile 20 mM Tris, 500 mM NaCl, 10 % glycerol, pH 8.0, 5%~8% trehalose and mannitol.
Molecular Mass	The recombinant rhesus EGFR consists 632 amino acids and predicts a molecular mass of 70.1 kDa.
Endotoxin	< 1.0 EU per µg of the protein as determined by the LAL method.
Purity	>95 % as determined by SDS-PAGE.
Stability	Samples are stable for up to twelve months from date of receipt at -70°C.
Storage	Store it under sterile conditions at -20°C~-70°C. It is recommended that the protein be aliquoted for optimal storage. Avoid repeated freeze-thaw cycles.

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Reconstitution

It is recommended that sterile water be added to the vial to prepare a stock solution of 0.25 ug/ul. Centrifuge the vial at 4°C before opening to recover the entire contents.

GENE INFORMATION

Gene Name EGFR epidermal growth factor receptor [*Macaca mulatta*]

Official Symbol EGFR

Synonyms epidermal growth factor receptor (erythroblastic leukemia viral (v-erb-b) oncogene homolog, avian)

Gene ID 613027

mRNA Refseq

Protein Refseq

MIM

UniProt ID

Chromosome Location chromosome: 3

Pathway Adherens junction, organism-specific biosystem; Choline metabolism in cancer, conserved biosystem; Dorso-ventral axis formation, conserved biosystem

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